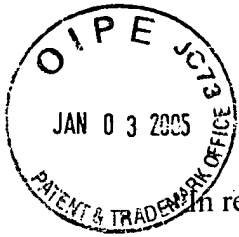


00005.001197.

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

FUMIHIKO KANAI ET AL.

Appln. No.: 10/030,618

Filed: January 11, 2002

For: STAUROSPORIN DERIVATIVES

U.S. Patent No.: US 6,806,266 B1

Issued: October 19, 2004

)
: Examiner: Bruck Kifle
)
: Group Art Unit: 1624
)
:
:
)
:
:
)
: December 30, 2004

Certificate
JAN 10 2005
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.00 to cover the statutory fee

for such Certificate of Correction.

01/04/2005 HLE444 00000183 6806266

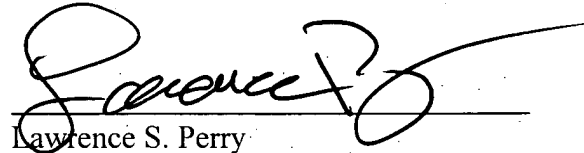
01 FC:1811

100.00 DP

12 JAN 2005

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Lawrence S. Perry", written over a horizontal line.

Lawrence S. Perry
Attorney for Patentees
Registration No. 31,865

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_Main 472836v1

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DATED : October 19, 2004

INVENTOR(S) : FUMIHIKO KANAI ET AL.

Page 1 of 11

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ON THE TITLE PAGE [56] REFERENCES CITED:

Foreign Patent Documents, "JP 03072485 3/1991

JP 03220194 9/1991

JP 04364186 12/1992" should be deleted and

"JP 05140168 6/1993" should read --JP 5-140168 6/1993--;

Other Publications, "after "Cantrell et al.": "Letters (1999)." should read

--Letters (1999)).-- and after "Tsubotani et al.": "3565-74." should read
--3565-74)."--.

COLUMN 1:

Line 49, "unexamined" should read --Unexamined--; and

Line 58, "Japanese. Published." should read --Japanese Published--.

COLUMN 2:

Line 35, "the is" should read --this is--; and

Line 52, "usefulness." should read --usefulness--.

COLUMN 3:

Line 65, "above)" should read --above)--.

COLUMN 5:

Line 40, "alkyl" should read --alkyl,--.

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COLUMN 6:

Line 37, "R^{12A1}" should read --R^{13A1}--;
Line 40, "a" should be deleted;
Line 48, "NHCOR^{13A}" should read --NHCOR^{13A3}--;
Line 49, "R^{13A}" should read --R^{13A3}--; and
Line 63, "Wherein" should read --wherein--.

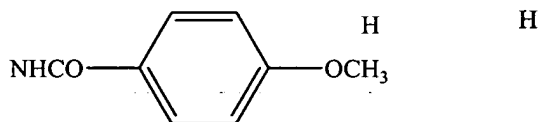
COLUMN 10:

Line 65, "defined" should read --defined for--.

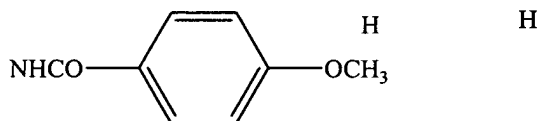
COLUMN 27:

Table 1 (cont.)

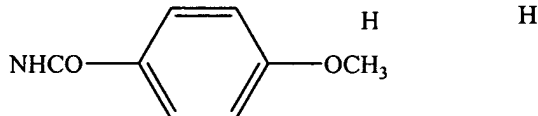
" 145 169 Br



146 170 CH=CHCO₂CH₃



147 171 NH₂



should read

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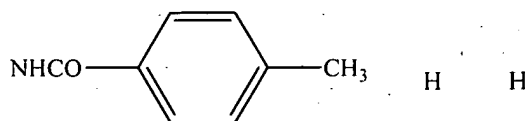
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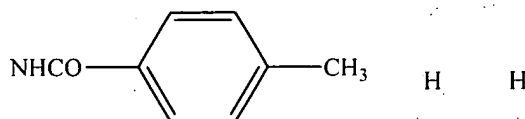
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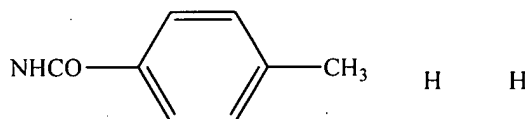
-- 145 169 Br



146 170 CH=CHCO₂CH₃



147 171 NH₂



COLUMN 33:

Line 49, "Accumlation" should read --Accumulation--.

COLUMN 34:

Line 17, "propidiumiodide" should read --propidium iodide--;
Table 4, "C II cycl distributi n %" should read --Cell cycle distribution (%)--;
Line 58, "(50 mmol/L)" should read --(50 nmol/L)--; and
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COLUMN 37:

Line 41, "a:" should read --a--; and
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Page 4 of 11

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 42:

Line 48, "compound 21" should read --Compound 21--;

Line 52, "was." should read --was--.

COLUMN 46:

Line 25, "4, 92" should read --4.92--.

COLUMN 47:

Line 65, "compound 39" should read --Compound 39--; and

Line 67, "(81%)" should read --(81%)--.

COLUMN 48:

Line 15, "(7.2%" should read --(7.2%)--.

COLUMN 50:

Line 23, "24,5.1" should read --24, 5.1--; and

Line 56, "(0.3⁹5" should read --(0.395--.

COLUMN 51:

Line 23, "(0.1.45" should read --(0.145--; and

Line 24, "w" should be deleted.

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Page 5 of 11

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 53:

Line 61, "(1R," should read --(1H,--.

COLUMN 55:

Line 29, "7:31" should read --7.31--.

COLUMN 56:

Line 50, "6,73" should read --6.73--.

COLUMN 57:

Line 5, "(31, s)," should read --3H, s),--.

COLUMN 58:

Line 40, "2.5" should read --2.51--.

COLUMN 59:

Line 29, "(0.474%) mol)" should read --(0.474 mmol)--; and
Line 56, "(3H, 8)," should read --(3H, s),--.

COLUMN 61:

Line 21, "8.591" should read --8.59--;
Line 36, "mol)" should read --mmol)--; and
Line 39, "(1H, d)," should read --(1H, s),--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 62:

Line 1, "Of" should read --of--; and

Line 44, "(1H, 8)," should read --(1H, s),--.

COLUMN 63:

Line 7, "(50" should read --(50%--;

Line 11, "7.5" should read --J =--;

Line 12, "d=7.6," should read --J=7.6,--;

Line 27, "(1H, d)," should read --(1H, s),--;

Line 28, "(7H," should read --(1H,--; and

Line 59, "2.32(3H," should read --2.32(3H, s),--.

COLUMN 65:

Line 39, "dichoroethane," should read --dichloroethane,--.

COLUMN 68:

Line 37, "3.0" should read --3.0 mL--.

COLUMN 70:

Line 15, "2.52 (3H., s)," should read --2.52 (3H, s),--.

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Page 7 of 11

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 71:

Line 3, "7.3.7" should read --7.37--; and
Line 27, "(2H, 9)," should read --(2H, s),--.

COLUMN 73:

Line 28, "J=6.3," should read --J=8.3,--; and
Line 53, "for2" should read --for 2--.

COLUMN 74:

Line 39, "(3H; s)," should read --(3H, s),--.

COLUMN 75:

Line 6, "(73.7 d.e.)" should read --(73.7% d.e.)--.

COLUMN 76:

Line 20, "mol/mL" should read --mol/L--;
Line 23, "(27 0 MHz," should read --270 MHz,--; and
Line 33, "m g" should read --mg--; and
Line 38, "1 0" should read --10-- and "an" should read --and--.

COLUMN 77:

Line 29, "(1H, m)," should read --(1H, m), 1.08 (3H, t, J=7.1 Hz).--; and
Line 53, "129 + (50%)" should read 129 (50%).

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Page 8 of 11

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COLUMN 78:

Line 8, "J=36" should read --36--; and
Line 54, "(3H, 8)," should read --(3H, s),--.

COLUMN 79:

Line 35, "for2" should read --for 2--.

COLUMN 83:

Line 17, "0.08.0 mL" should read --0.080 mL--; and
Line 24, "(2H, 9)," should read --(2H, s),--.

COLUMN 84:

Line 25, "J=6 Hz)," should read --J=8.6 Hz),--.

COLUMN 85:

Line 26, "608: (M+1)⁺." should read --608 (M+1)⁺.--; and
Line 50, "(1R," should read --(1H,--.

COLUMN 86:

Line 55, "(0, 0900 mmol)" should read --(0.0900 mmol)--.

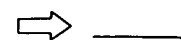
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Page 9 of 11

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COLUMN 89:

Line 29, "benzoylchloride," should read --benzoyl chloride,--.

COLUMN 90:

Line 42, "(30 4)." should read --(30 %).--; and
Line 43, "(2701 MHz," should read --(270 MHz,--.

COLUMN 94:

Line 13, "brd," should read --t,--.

COLUMN 96:

Line 41, "sodiumbicarbonate," should read --sodium bicarbonate,--; and
Line 53, "2.58 2.40" should read --2.58-2.40--.

COLUMN 98:

Line 24, "3-(3-dimethylaminopropyl)" should read
--3-(3-dimethylaminopropyl)--;
Line 42, "0.98 mL," should read --0.98 mL--; and
Line 44, "2.0 mL," should read --2.0 mL--.

COLUMN 99:

Line 6, "mmol/L" should read --mol/L--.

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Page 10 of 11

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COLUMN 106:

Line 16, "N,N-dimethyl formamide" should read --N,N-dimethylformamide--;
and
Line 63, "(10 mmol)" should read --(110 mmol)--.

COLUMN 109:

Line 31, "M" should be deleted.

COLUMN 110:

Line 29, "J=107 mg" should read --107 mg--.

COLUMN 112:

Line 2, "hexanelethyl" should read --hexane/ethyl--; and
Line 59, "1,35" should read --1.35--.

COLUMN 115:

Line 41, "CSR^{13A1}," should read --CSR^{13A},--.

COLUMN 116:

Line 22, "tively;" should read --tively);--.

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COLUMN 118:

Line 32, "R¹ represents" should read --R⁵ represents--; and
Line 46, "(wherein R¹⁷" should read --{wherein R¹⁷--.

COLUMN 119:

Line 7, "alkyl)amino)," should read --alkyl)amino].--;
Line 28, "to" should be deleted; and
Line 34, "niorpholino," should read --morpholino,--.

COLUMN 120:

Line 7, "R^{13A1})," should read --R^{13A1});-- and
Line 21, "compound" should read --one compound--; and
Line 25, "claim, 1" should read --claims 1--.

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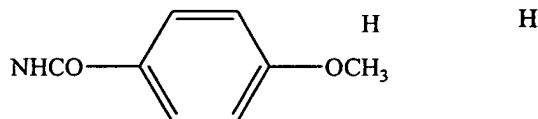
COLUMN 10:

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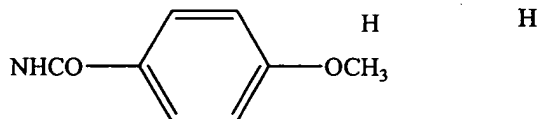
COLUMN 27:

Table 1 (cont.)

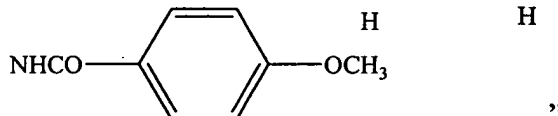
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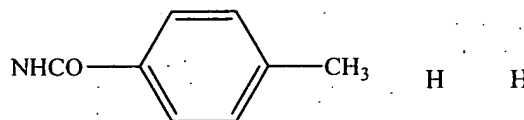
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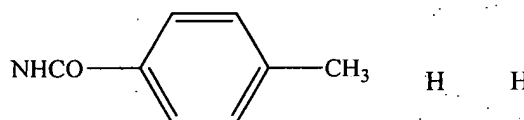
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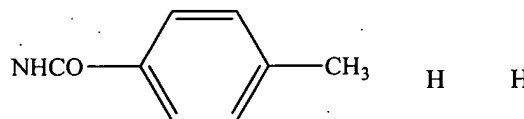
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CERTIFICATE OF CORRECTION

PATENT NO. : US 6,806,266 B1

DATED : October 19, 2004

INVENTOR(S) : FUMIHIKO KANAI ET AL.

Page 4 of 11

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 42:

Line 48, "compound 21" should read --Compound 21--;

Line 52, "was." should read --was--.

COLUMN 46:

Line 25, "4, 92" should read --4.92--.

COLUMN 47:

Line 65, "compound 39" should read --Compound 39--; and

Line 67, "(81%)" should read --(81%)--.

COLUMN 48:

Line 15, "(7.2%" should read --(7.2%)--.

COLUMN 50:

Line 23, "24,5.1" should read --24, 5.1--; and

Line 56, "(0.3⁹5" should read --(0.395--.

COLUMN 51:

Line 23, "(0.1.45" should read --(0.145--; and

Line 24, "w" should be deleted.

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COLUMN 53:

Line 61, "(1R," should read --(1H,--.

COLUMN 55:

Line 29, "7:31" should read --7.31--.

COLUMN 56:

Line 50, "6,73" should read --6.73--.

COLUMN 57:

Line 5, "(31, s)," should read --3H, s)--.

COLUMN 58:

Line 40, "2.5" should read --2.51--.

COLUMN 59:

Line 29, "(0.474%) mol)" should read --(0.474 mmol)--; and

Line 56, "(3H, 8)," should read --(3H, s)--.

COLUMN 61:

Line 21, "8.591" should read --8.59--;

Line 36, "mol)" should read --mmol)--; and

Line 39, "(1H, d)," should read --(1H, s)--.

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COLUMN 62:

Line 1, "Of" should read --of--; and

Line 44, "(1H, 8)," should read --(1H, s)--.

COLUMN 63:

Line 7, "(50" should read --(50%--;

Line 11, "7.5" should read --J =--;

Line 12, "d=7.6," should read --J=7.6,--;

Line 27, "(1H, d)," should read --(1H, s)--;

Line 28, "(7H," should read --(1H,--; and

Line 59, "2.32(3H," should read --2.32(3H, s)--.

COLUMN 65:

Line 39, "dichoroethane," should read --dichloroethane,--.

COLUMN 68:

Line 37, "3.0" should read --3.0 mL--.

COLUMN 70:

Line 15, "2.52 (3H., s)," should read --2.52 (3H, s)--.

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COLUMN 71:

Line 3, "7.3.7" should read --7.37--; and

Line 27, "(2H, 9)," should read --(2H, s),--.

COLUMN 73:

Line 28, "J=6.3," should read --J=8.3,--; and

Line 53, "for2" should read --for 2--.

COLUMN 74:

Line 39, "(3H; s)," should read --(3H, s),--.

COLUMN 75:

Line 6, "(73.7 d.e.)" should read --(73.7% d.e.)--.

COLUMN 76:

Line 20, "mol/mL" should read --mol/L--;

Line 23, "(27 0 MHz," should read --270 MHz,--; and

Line 33, "m g" should read --mg--; and

Line 38, "1 0" should read --10-- and "an" should read --and--.

COLUMN 77:

Line 29, "(1H, m)," should read --(1H, m), 1.08 (3H, t, J=7.1 Hz).--; and

Line 53, "129 + (50%)" should read 129 (50%).

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COLUMN 78:

Line 8, "J=36" should read --36--; and

Line 54, "(3H, 8)," should read --(3H, s),--.

COLUMN 79:

Line 35, "for2" should read --for 2--.

COLUMN 83:

Line 17, "0.08.0 mL" should read --0.080 mL--; and

Line 24, "(2H, 9)," should read --(2H, s),--.

COLUMN 84:

Line 25, "J=6 Hz)," should read --J=8.6 Hz),--.

COLUMN 85:

Line 26, "608: (M+1)⁺." should read --608 (M+1)⁺.--; and

Line 50, "(1R," should read --(1H,--.

COLUMN 86:

Line 55, "(0, 0900 mmol)" should read --(0.0900 mmol)--.

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COLUMN 89:

Line 29, "benzoylchloride," should read --benzoyl chloride,--.

COLUMN 90:

Line 42, "(30 4)." should read --(30 %).--; and

Line 43, "(2701 MHz," should read --(270 MHz,--.

COLUMN 94:

Line 13, "brd," should read --t,--.

COLUMN 96:

Line 41, "sodiumbicarbonate," should read --sodium bicarbonate,--; and

Line 53, "2.58 2.40" should read --2.58-2.40--.

COLUMN 98:

Line 24, "3-(3-dimethylaminopropyl)" should read
--3-(3-dimethylaminopropyl)--;

Line 42, "0.98 mL," should read --0.98 mL--; and

Line 44, "2.0 mL," should read --2.0 mL--.

COLUMN 99:

Line 6, "mmol/L" should read --mol/L--.

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COLUMN 106:

Line 16, "N,N-dimethyl formamide" should read --N,N-dimethylformamide--;

and

Line 63, "(10 mmol)" should read --(110 mmol)--.

COLUMN 109:

Line 31, "M" should be deleted.

COLUMN 110:

Line 29, "J=107 mg" should read --107 mg--.

COLUMN 112:

Line 2, "hexanelethyl" should read --hexane/ethyl--; and

Line 59, "1,35" should read --1.35--.

COLUMN 115:

Line 41, "CSR^{13A1}," should read --CSR^{13A},--.

COLUMN 116:

Line 22, "tively;" should read --tively);--.

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COLUMN 118:

Line 32, "R¹ represents" should read --R⁵ represents--; and

Line 46, "(wherein R¹⁷" should read --{wherein R¹⁷--.

COLUMN 119:

Line 7, "alkyl)amino)," should read --alkyl)amino].--;

Line 28, "to" should be deleted; and

Line 34, "niorpholino," should read --morpholino,--.

COLUMN 120:

Line 7, "R^{13A1})," should read --R^{13A1});-- and

Line 21, "compound" should read --one compound--; and

Line 25, "claim, 1" should read --claims 1--.

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